

SECTION II

HEALTHY MARYLAND 2000 INDICATORS

HEALTHY MARYLAND 2000 INDICATORS

Healthy Maryland 2000 Volumes I and II were reports completed in response to the federal Healthy People 2000 initiative for the nation. Healthy Maryland Volume I (May 1993) was completed in response to Objective 22.5 which requested that States implement periodic analysis and publication of data needed to measure progress toward objectives for at least ten of the twenty-two priority areas of the national health objectives. Eighteen of the twenty-two priority areas were addressed in that report. Healthy Maryland Volume II (September 1996) was completed in response to Healthy People 2000 Objective 22 which recommended that States develop a set of health status indicators to monitor and assess the progress toward achieving priority areas of health. Continued progress toward meeting the eighteen priority areas established in Volume I was addressed in Volume II. Additionally, Maryland specific objectives and targets were established.

This section reports on approximately thirty-nine Healthy Maryland 2000 objectives for the State, and is intended to profile progress toward Healthy Maryland 2000 targets. The baseline measure, current Maryland value, and year 2000 target are presented for each objective. Healthy Maryland and Healthy People 2000 targets are the same for many objectives. In some instances, a different target from the Healthy People 2000 target for Maryland was established. Data could not be assembled for five objectives; these were designated as “Not Reported”, “Not Available”, or “Program Discontinued”.

For indicators with current Maryland values reported, Maryland met or exceeded the Healthy Maryland 2000 target for the following targets:

- Health Insurance
- Primary Care Health Professional Shortage Areas (HPSAs)
- Lung Cancer Deaths
- Breast Cancer Deaths
- Teen Birth Rates (Ages 15 to 17 years, all races)
- Very Low Birth Weight (Whites)
- Measles (Children <5 years)
- Hepatitis B (All ages)
- Salmonella infections (food service facilities)
- Diagnosed AIDS Cases
- Gonorrhea
- Suicide
- Alcohol-Related Motor Vehicle Crashes
- Tobacco Use Among Pregnant Women

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Indicator	Healthy Maryland Baseline	Current Maryland Value	Healthy Maryland 2000 Target	Healthy People 2000 Target
Access				
1. Increase access to affordable, comprehensive health insurance benefits for the small business community ¹	13-16%	12%	1% decrease in the uninsured	----
2. Access to primary health care in the underserved areas (HPSAs = Health Professional Shortage Areas)	17 state areas were HPSAs	13 new HPSAs established	Evaluate >=10 new HPSAs	----
3. Early, Periodic Screening, Diagnosis, and Treatment (EPSDT) checkups for children with Maryland Medical Assistance coverage	82%	N/R*	90%	----
4. Enrolling low-income children with no health insurance into the Maryland Kids Count Program	23% of eligible were enrolled	Program Discontinued	Enroll 50% of eligible children	----
5. All hospitals will provide appropriate preventive services for communities' priority health needs	83%	N/R*	100%	----
Baseline Current Value				
1. 1992 1999-2000				
2. 1995 1999				
3. 1994 N/R				
4. 1995 Discontinued				
5. 1995 N/A				

*N/R = Not reported

Met or exceeded the Healthy Maryland 2000 target.

Indicator	Healthy Maryland Baseline	Current Maryland Value	Healthy Maryland 2000 Target	Healthy People 2000 Target
Cardiovascular Disease				
1. Reduce total cardiovascular risk factors by one among adults with one or more risk factors ²	80% with 1; 20% with >3	N/R*	By 1	-----
2. Reduce the proportion of people who engage in no leisure time physical activity ³	30.8%	24.2%	15%	15%
3. Increase the proportion of people who engage in light to moderate physical activity ⁴	16.5%	22.3%	30%	30%
4. Increase the proportion of adults of who consume >= 5 fruits and vegetables per day ⁵	26.1%	27.4%	3.8 servings ⁵	5.0 servings ⁵
Cancer				
1. Reduce the rate of deaths due to lung cancer ⁶	53.9 per 100,000	48.8 per 100,000	<50.6 per 100,000	42.0 per 100,000
2. Reduce the mortality due to breast cancer among women ⁶	27.1 per 100,000	23.3 per 100,000	25.2 per 100,000	20.6 per 100,000
Diabetes				
Reduce the rate of non-traumatic lower extremity amputations in diabetic African Americans ⁷	10.5 per 1,000	8.2 per 1,000	6.1 per 1,000	6.1 per 1,000
Cardiovascular Disease	Cancer	Diabetes		
Baseline Current Value	Baseline Current Value	Baseline Current Value		
1. 1992 N/A	1. 1993 1999	1992 1999		
2. 1989-1994 2000	2. 1993 1999			
3. 1989-1994 2000				
4. 1994 2000				

*N/R = Not reported

Met or exceeded the Healthy Maryland 2000 target.

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Indicator	Healthy Maryland Baseline	Current Maryland Value	Healthy Maryland 2000 Target	Healthy People 2000 Target
Family Planning				
Reduce the rate of births among adolescent females 15-17 years of age	33.6 per 1,000	25.1 per 1,000	30 per 1,000	----
Maternal and Infant Health				
1. Reduce the rate of low birth weight infants (all races)	8.4	8.7	GNS*	5%
2. Reduce the rate of low birth weight infants among African Americans	13.5%	12.9%	9%	9%
3. Reduce the rate of low birth weight infants among whites	5.8%	6.4%	5%	----
4. Reduce the rate of very low birth weight infants (all races)	1.8%	1.9%	GNS*	1%
5. Reduce the rate of very low birth weight infants among African Americans	3.3%	3.3%	2%	2%
6. Reduce the rate of very low birth weight infants among whites	1.0%	1.2%	1%	----
7. Improve breastfeeding initiation of new mothers in the early postpartum period	55.2% MD Total; 31.4% WIC	61.4% MD Total; 48.4% WIC	75%	75%
8. Rescreen all babies who were inadequately screened at the time of hospital discharge in a timely manner	83% rescreened / 69% rescreened on time	89.3% rescreened / 67.9% rescreened on time	100%	95%
Family Planning	Maternal/Infant Health			
Baseline Current Value	Baseline Current Value			
1993 1999	1. 1993 2000			
	2. 1993 2000			
	3. 1993 2000			
	4. 1993 2000			
	5. 1993 2000			
	6. 1993 2000			
	7. 1994 2001			
	8. 1994 2000			

*GNS = Goal not set for this indicator

Met or exceeded the Healthy Maryland 2000 target.

Indicator	Healthy Maryland Baseline	Current Maryland Value	Healthy Maryland 2000 Target	Healthy People 2000 Target
Immunization and Infectious Diseases				
Childhood Immunizations				
Reduce the annual number of cases for:				
1. whooping cough (<5 yrs) ⁸	28 cases	72 cases	0 cases	----
2. mumps (<5 yrs) ⁸	12 cases	1 case	0 cases	----
3. measles (<5 yrs) ⁸	2 cases	0 cases	0 cases	0 cases
4. H. influenzae type b (<5 yrs) ⁸	N/A	2 cases	0 cases	----
5. Reduce the annual number of cases of Hepatitis B (all ages) ⁸	335 cases	131 cases	270 cases	----
6. Increase immunization levels for children through age 2 years diphtheria, tetanus, whooping cough, polio, measles, mumps, and rubella	81%	80%	95.0%	90.0%
7. Reduce the tuberculosis case rate	7.3 per 100,000	5.3 per 100,000	3.5 per 100,000	3.5 per 100,000
Foodborne Diseases				
8. Reduce the incidence of <i>Salmonella enteritidis</i> infections associated with food service facilities	4.7	3.0	4.0	----
Baseline Current Value				
1. 1994 2000				
2. 1994 2000				
3. 1994 2000				
4. 1994 2000				
5. 1994 2000				
6. 1995 2000				
7. 1994 2000				
8. 1994 1999				

Met or exceeded the Healthy Maryland 2000 target.

HEALTHY MARYLAND 2000 INDICATORS

Indicator	Healthy Maryland Baseline	Current Maryland Value	Healthy Maryland 2000 Target	Healthy People 2000 Target
HIV/AIDS				
Confine the annual number of diagnosed AIDS cases ⁹	2058 cases	1303 cases	2000 cases	----
Sexually Transmitted Diseases				
1. Reduce the rate of gonorrhea ¹⁰	336.0 per 100,000	185.7 per 100,000	343 per 100,000	100 per 100,000
2. Reduce the rate of syphilis ¹⁰	6.5 per 100,000	5.7 per 100,000	4 per 100,000	4 per 100,000
3. Reduce the congenital syphilis rate ¹⁰	29.8 per 100,000 live births	21.5 per 100,000 live births	0.0 per 100,000 live births	40 per 100,000 live births
HIV/AIDS	Diseases			
Baseline Current Value	Baseline Current Value			
1994 2000	1. 1994 2000 2. 1994 2000 3. 1994 2000			

Met or exceeded the Healthy Maryland 2000 target.

Indicator	Healthy Maryland Baseline	Current Maryland Value	Healthy Maryland 2000 Target	Healthy People 2000 Target
Injury				
1. Reduce the rate of deaths due to suicide ¹¹	9.4 per 100,000	8.9 per 100,000	<=8.9 per 100,000	10.5 per 100,000
2. Reduce the rate of homicide ¹¹	13.9 per 100,000	12.3 per 100,000	<=7.2 per 100,000	<=7.2 per 100,000
3. Maintaining a reduced level of alcohol-related fatal motor vehicle crashes	3.8 per 100,000	4.7 per 100,000	<=5.5 per 100,000	<=5.5 per 100,000
4. Increase safety seat use among all Maryland children	78% kids; 69% all	N/A*	>=85% for kids >=75% for all	----
Oral Health				
Reduce dental caries among children ages 6 to 8 years ¹²	54% (Rural) / 58% (Suburban)	N/R*	35%	35%
Tobacco				
Increase the proportion of pregnant women who abstain from tobacco use ¹³	88.5%	89.9%	90%	90%
Injury	Oral Health	Tobacco		
Baseline Current Value	Baseline Current Value	Baseline Current Value		
1. 1994 1998 2. 1994 1998 3. 1993 2000 4. 1991 2000	1995 N/R	1994 2000		

*N/A = Not available; N/R = Not reported

Met or exceeded the Healthy Maryland 2000 target.

HEALTHY MARYLAND 2000 INDICATORS

Technical Notes

1. Estimates for the proportion of the population that was uninsured are for the non-elderly (i.e., 18 to 64 years of age). The baseline and current value are technically not truly comparable due to Current Population Survey (CPS) changes and the addition of new insurance-related questions. Based on the present CPS questions, the baseline rate would be higher.
2. Analysis of multiple cardiovascular disease risk factors from BRFSS data was not accessible for this report.
3. Maryland BRFSS respondents aged 18 and older who report no leisure-time physical activity in the past month.
4. Maryland BRFSS respondents aged 18 and older who report engaging in physical activity for 30 minutes or more, five or more times per week regardless of intensity.
5. The original Healthy Maryland 2000 objective for fruit and vegetable consumption was reported as the average daily intake (3.8 servings, 1989-1994). The Healthy People 2000 target for this objective was an average daily intake of 5.0 servings of vegetables, fruits, and grain products among people 2 years and older. This indicator, revised to be consistent with Healthy People 2010, measures the proportion of persons consuming five or more fruits and vegetables per day among Maryland BRFSS respondents aged 18 and older.
6. Age-adjusted to the 1970 U.S. standard population.
7. The 1992 rate of 10.5 per 1,000 diabetics was based on diagnostic capture of a lower extremity amputation in any of five diagnosis fields on the Hospital Services Cost Review Commission (HSCRC) Inpatient File. The HSCRC Inpatient file was expanded in 1993 to include 15 diagnosis fields. The 1999 rate of 8.2 per 1,000 diabetics was based on diagnostic capture of a lower extremity amputation in any of the 15 diagnosis fields of the data file. The estimated denominator for the prevalence of diabetes in Maryland for 1993 was not available at the time of this analysis, and therefore, a comparable 1993 baseline rate could not be computed.
8. The original Healthy Maryland baselines for whooping cough, mumps, measles, H. influenzae type b for children less than 5 years of age, and Hepatitis B (all ages) were changed to reflect revised data obtained from EDCP's Center for Immunization.
9. The original Healthy Maryland 2000 target for diagnosed AIDS cases was revised from 2,000 cases to 38 per 100,000 for comparability to the Healthy People 2000 target.
10. The original 1994 Healthy Maryland 2000 baselines for gonorrhea, syphilis, and congenital syphilis were changed to reflect revised data obtained from EDCP's Division of Sexually Transmitted Diseases.

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Technical Notes (continued)

11. The original Healthy Maryland 2000 baselines for suicide and homicide mortality were obtained from the DHMH Vital Statistics Administration and the DHMH Injury and Disability Prevention Program, respectively. The baselines and current values reported here were obtained from the CDC's WONDER Compressed Mortality file and age-adjusted to the 1940 standard U.S. population.
12. Analysis of 2000-2001 oral health data from the Oral Health Survey of Maryland school children were incomplete at the time of this report.
13. The original Healthy Maryland 2000 baseline for pregnant women abstaining from tobacco use was from the BRFSS. The data source for the Healthy Maryland 2000 baseline and current Maryland value reported here are from DHMH, Vital Statistics Administration.

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SOURCES

Access

1. Maryland Department of Health and Mental Hygiene, Community Health Administration, Office of Health Policy, *Healthy Maryland 2000 Volume 2*, 1996.

Maryland Department of Health and Mental Hygiene, Maryland Health Care Commission, *Maryland Health Insurance Coverage Through 2000: A Graphic Profile*, 2002.
2. Maryland Department of Health and Mental Hygiene, Family Health Administration, Office of Primary Care, *A Guide to Federal Designation of Health Professional Shortage Areas and Medically Underserved Areas in Maryland*, 1999.
3. Maryland Department of Health and Mental Hygiene, Community Health Administration, Office of Healthy Policy, *Healthy Maryland 2000 Volume 2*, 1996.
4. Maryland Department of Health and Mental Hygiene, Community Health Administration, Office of Healthy Policy, *Healthy Maryland 2000 Volume 2*, 1996.
5. Maryland Department of Health and Mental Hygiene, Community Health Administration, Office of Healthy Policy, *Healthy Maryland 2000 Volume 2*, 1996.

Cardiovascular Disease, No Leisure Time Physical Activity, and Fruits and Vegetables

1. Maryland Department of Health and Mental Hygiene, Community Health Administration, Office of Healthy Policy, *Healthy Maryland 2000 Volume 2*, 1996.
2. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Adult and Community Health, Behavioral Risk Factor Surveillance System, 1994 and 2000; www.cdc.gov/brfss- (12/21/01).
3. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Adult and Community Health, Behavioral Risk Factor Surveillance System, 1994 and 2000; www.cdc.gov/brfss- (12/21/01).
4. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Adult and Community Health, Behavioral Risk Factor Surveillance System, 1994 and 2000; www.cdc.gov/brfss- (12/21/01).

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SOURCES

Cancer

1. Maryland Department of Health and Mental Hygiene, Family Health Administration, Maryland Cancer Registry, 1993 and 1999
2. Maryland Department of Health and Mental Hygiene, Family Health Administration, Maryland Cancer Registry, 1993 and 1999.

Diabetes

Maryland Department of Health and Mental Hygiene, Maryland Health Care Commission, Hospital Services Cost Review Commission, Inpatient File, 1992 and 1999.

Maryland Department of Health and Mental Hygiene, Family Health Administration, Division of Diabetes Control, 1992 and 1999.

Family Planning (Teen Birth Rates)

Maryland Department of Health and Mental Hygiene, Vital Statistics Administration, *Maryland Vital Statistics Report*, 1993 and 1999.

Maternal and Infant Health

Low and Very Low Birth Weight Infants:

- 1-6. Maryland Department of Health and Mental Hygiene, Vital Statistics Administration, *Maryland Vital Statistics Annual Report*, 1993 and 2000; www.mdpublichealth.org/vsa (12/21/01).

Breast Feeding Initiation:

Maryland Department of Health and Mental Hygiene, Family Health Administration, Genetics and Children with Special Health Care Needs, 1994 and 2000.

Maryland Department of Health and Mental Hygiene, Family Health Administration, Office of Women, Infants, and Children Program, 1994 and 2001.

Re-screening of Newborns:

Maryland Department of Health and Mental Hygiene, Family Health Administration, Genetics and Children with Special Health Care Needs, 1994 and 2000.

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SOURCES

Immunization and Infectious Diseases

Childhood Immunizations:

- 1-5. Maryland Department of Health and Mental Hygiene, Community Health Administration, Epidemiology and Disease Control Program, Center for Immunization, 1994 and 2000.
6. Maryland Department of Health and Mental Hygiene, Epidemiology and Disease Control Program, Center for Immunization, 1995 and 2000.
7. Maryland Department of Health and Mental Hygiene, Community Health Administration, Epidemiology and Disease Control Program, Division of Tuberculosis; <http://www.cdc.gov/nchstp/tb/surv/surv2000/pdfs/t15.pdf> – (3/28/02).

Foodborne Diseases:

Maryland Department of Health and Mental Hygiene, Community Health Administration, Epidemiology and Disease Control Program, Outbreak Investigation, 1994 and 1999.

HIV and AIDS:

Maryland Department of Health and Mental Hygiene, AIDS Administration, HIV/AIDS Epidemiological Profile; www.dhmd.state.md.us/AIDS/pdf/Annrep.pdf – (12/27/01).

Sexually Transmitted Diseases:

1. Maryland Department of Health and Mental Hygiene, Community Health Administration, Epidemiology and Disease Control Program, Division of Sexually Transmitted Disease, Gonorrhea Prevalence; http://edcp.org/pdf/gc_md_trends_1991-2000nf.pdf – (12/27/01).
2. Maryland Department of Health and Mental Hygiene, Community Health Administration, Epidemiology and Disease Control Program, Division of Sexually Transmitted Disease, Syphilis Prevalence; http://edcp.org/pdf/p&s_md_trends_1991-2000nf.pdf – (12/27/01).
3. Maryland Department of Health and Mental Hygiene, Community Health Administration, Epidemiology and Disease Control Program, Division of Sexually Transmitted Disease, Congenital Syphilis Prevalence, 2000.

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SOURCES

Injury

1. Department of Health and Human Services, Centers for Disease Control and Prevention, CDC WONDER, Compressed Mortality File; <http://wonder.cdc.gov> - (08/8/02).
2. Department of Health and Human Services, Centers for Disease Control and Prevention, CDC WONDER, Compressed Mortality File; <http://wonder.cdc.gov> - (08/8/02).
3. University of Maryland School of Medicine, National Study for Trauma and Emergency Medical Systems, 1993 and 2000.
4. Maryland Department of Health and Mental Hygiene, Community Health Administration, Office of Health Policy, Healthy Maryland 2000 Volume 2, 1996.

Oral Health

University of Maryland, Dental School, Unpublished Data, 1995.

Tobacco Use Among Pregnant Women

Maryland Department of Health and Mental Hygiene, Vital Statistics Administration, Special Request, 1994 and 2000.